

Radiometer Control Unit *Linard*

Specifications

Measurement	
Measured variable	Solar Irradiance in W/m ²
Cadence	30 s to 90 s
Quality flags	Automatically generated
Long term stability	< 50 ppm /5 y
Data storage	8 GB
Compatible sensors	PMO6-cc Future DI-PMO8 Sensor <i>Fliana</i>
Upgradeable sensors	PMO6 CIR
Control options	Graphical user interface (Web application) / REST API (http)

Connectivity	
Ethernet	10/100 Mbit/s
WiFi	IEEE 802.11ac, 2.4 GHz Hotspot mode*
RS-485	2 wire mode (optional**)
Commanding	Http requests, ModBus (optional**)
Data output format	Text File (csv), JSON
Data output options	Irradiance, Raw Data
Live data output	Web-socket/JSON
Programming interface type	REST API

Dimensions and Environment	
Dimensions	235.2 mm x 305 mm x 99 mm
Weight	3.1 kg
Power requirements	100-240 V AC
Power consumption	max. 20 W
Operating temperature	-10 to 40 °C
Storage temperature	-10 to 50 °C
Compliance	CE conformity

* Currently for configuration purpose only.

** Not yet available.